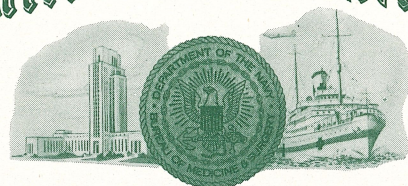


NEW HOME OF H. G. FISCHER & CO.

## United States Navy



BUREAU OF MEDICINE AND SURGERY

### Certificate of Achievement

*H. G. Fischer & Co.*

*In grateful acknowledgment of exceptional cooperation and outstanding services rendered to the Medical Department of the Navy during the period of World War II*

*A. H. Dearing*  
Rear Admiral, MC, U. S. Navy  
Sergeant General of the Navy



### H. G. FISCHER & CO. FRANKLIN PARK, ILLINOIS

Manufacturers of high quality X-ray and electromedical equipment since 1910.

Holders of the U. S. Army-Navy "E" Award with three additional awards represented by the stars on the flag, and holders of the U. S. Navy Certificate of Achievement — all for outstanding services rendered.

This series of awards constitutes the most signal recognition granted any manufacturer of x-ray equipment.

Producing — in a new 82,000 sq. ft. factory — efficient, durable, attractive apparatus, which offers customers the greatest value per dollar expended obtainable in the entire industry.

OVER 100,000 SATISFIED USERS THROUGHOUT THE WORLD

## H. G. FISCHER & CO.

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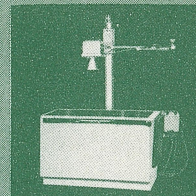
# "SPACESAVER"

Radiographic-Fluoroscopic Unit  
and Examining Table  
100 or 250 Milliamperes

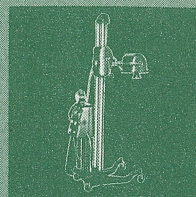


### HORIZONTAL RADIOGRAPHY

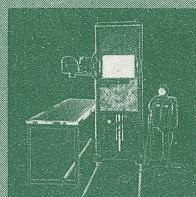
Any part of a patient's body can easily be radiographed in the horizontal position. The examining table is 26 1/4 inches wide and 73 inches long including foot rest — capable of accommodating any patient. The tubehead travels up and down and across the cabinet, giving a complete range of operation. Either a standard Bucky diaphragm or a stationary grid may be used.



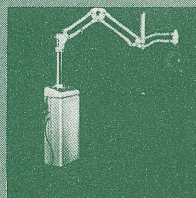
"Spacesaver" 30 Milliampere Shockproof X-ray Apparatus and Examining Table.



Model "TC" 30 or 50 Milliampere Shockproof X-ray Apparatus.



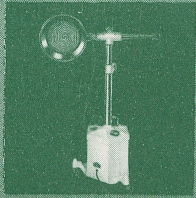
Model "TF" 30 or 50 Milliampere Shockproof Fluoroscope with Radiographic Facilities.



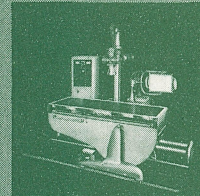
Model "CMDX" Mobile Shockproof Dental X-ray.



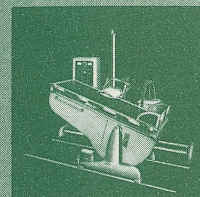
Model "J" Galvanic and Contractile Currents Generator.



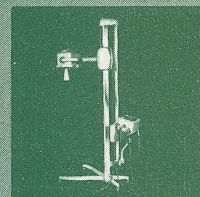
Model "CK" Ultra Violet Generator.



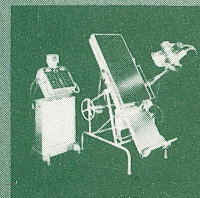
De Luxe Model "RF" 250 Milliampere X-ray Apparatus with Hand-Rocked or Motor-Driven Table.



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100 Milliampere X-ray Unit with Urological Table.

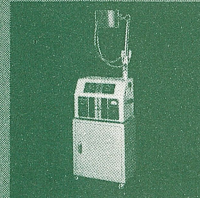
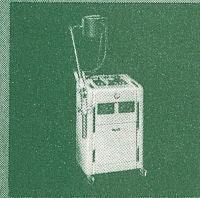


Table Model "200" Short Wave Diathermy Unit.



De Luxe Model "400" Short Wave Diathermy Unit.

## H. G. FISCHER & CO.

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(Suburb of Chicago)



# FISCHER "Spacesaver"

## Radiographic-Fluoroscopic Unit and Examining Table, 100 Ma or 250 Ma

Both horizontal and vertical radiography and fluoroscopy.

Minimum floor space.

Minimum operating effort.

Absolute safety for operator and patient.

The FISCHER "Spacesaver" Combination Radiographic-Fluoroscopic Unit and Examining Table is the newest development in the FISCHER complete line of modern, shockproof x-ray equipment. This great line is distinguished for outstanding performance and exceptional durability. As its name implies, the "Spacesaver" is the most compact of all x-ray apparatus of such power and versatility. It was designed to occupy a minimum amount of floor space and to give dependable performance with the least effort on the part of the operator. It may be used as an every day examining table.

The great breadth of its uses is as amazing as the ease with which it functions. It can be switched from positions for horizontal fluoroscopic work to positions for horizontal radiographic work, and vice-versa, by a simple swing of the tubehead. The change to vertical fluoroscopic and vertical radiographic positions is equally as easily accomplished.

A Patterson Type B-2 full size 12" x 16" fluoroscopic screen is included with the FISCHER "Spacesaver" at no additional cost. The size and quality of the FISCHER "Spacesaver" fluoroscopic screen satisfy the need of specialists. The shutter controls are on screen staging convenient for the operator.

"Spacesaver 100" capacity is 100 Ma at 90 KVP, 75 Ma at 95 KVP, 50 Ma at 95 KVP, 25 Ma at 96 KVP, 10 Ma at 96 KVP, and 5 Ma at 96 KVP.

"Spacesaver 250" capacity is 250 Ma at 90 KVP, 200 Ma at 100 KVP, 100 Ma at 100 KVP, 10 Ma at 120 KVP, intermittent, and 7 Ma at 120 KVP, continuous. Finish is attractive, lasting, hammered gray.

### DE LUXE AUTOMATIC CONTROL

The FISCHER De Luxe Automatic Control mechanism incorporates many exclusive features which make radiography a simple, precise science. There is no guesswork when using the FISCHER "Spacesaver". It eliminates as far as humanly possible every electrical and mechanical variable in radiographic technic. Its many automatic compensating devices, constantly in operation, work to the end-result of saving time in handling patients, prolonging tube life and protecting the apparatus

from failures due to faulty technic, thus assuring consistently high grade radiographs with resulting film economy.

### SPECIAL FEATURES, DE LUXE AUTOMATIC CONTROL

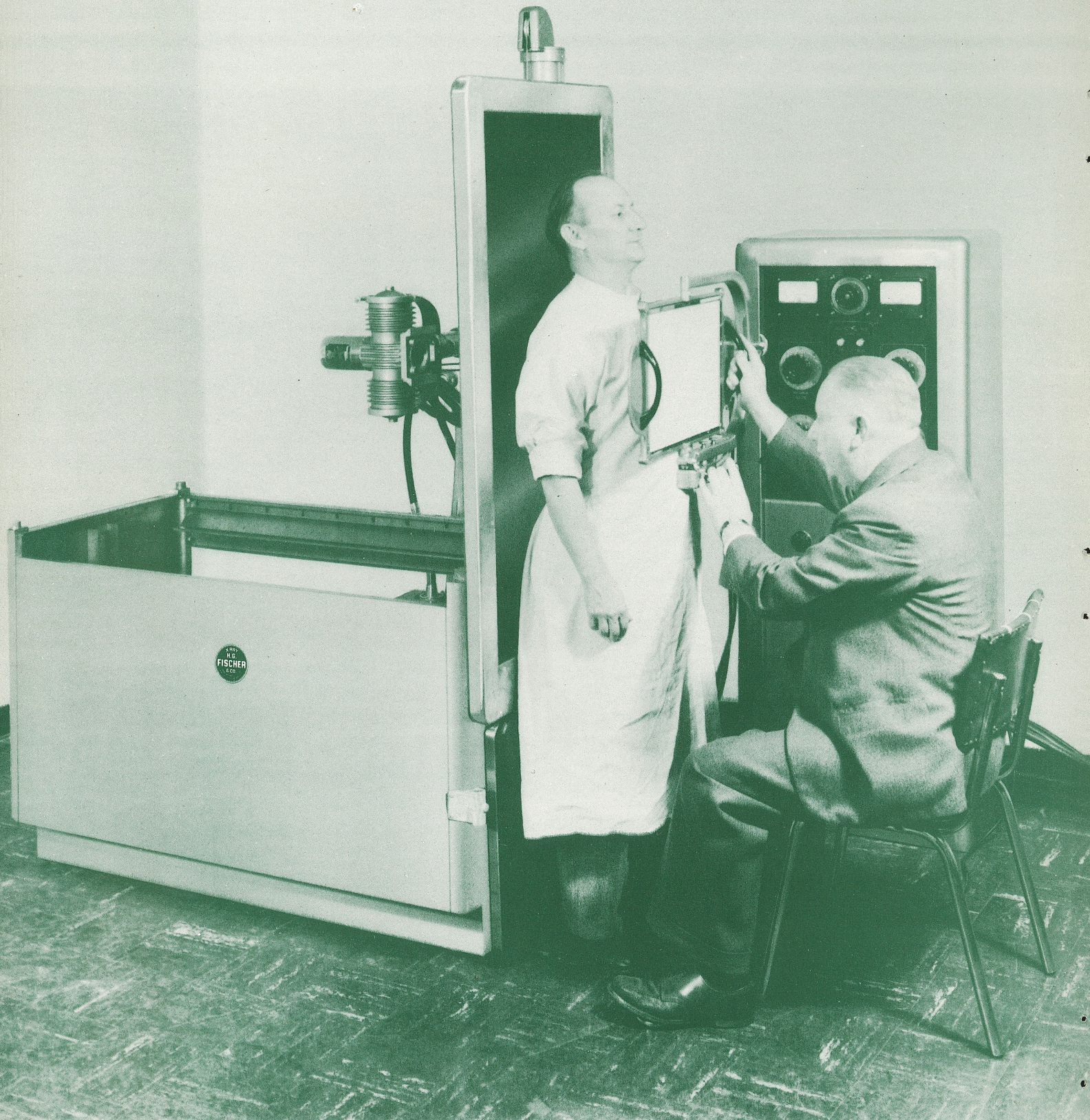
1. Automatic pre-selection of milliamperage.
2. Automatic changing of focal spots.
3. Compensated kilovolt meter (illuminated).
4. Double scale milliamperage meter (illuminated).
5. Automatic space charge compensator.
6. Line compensator.
7. Built-in spot change-over control.
8. When doing spot film radiography, both fluoroscopic and radiographic exposures are made with the foot switch. Focal spots are automatically changed to the proper focal spot for the work being done.
9. Fluoroscopic room light control.
10. Overload circuit breaker and main line switch.
11. Separate vernier control of milliamperage for fluoroscopy and therapy.
12. 100 steps of auto-transformer control in 2 KVP steps.
13. Accurate automatic reset timer, calibrated in 1/20 sec. for 250 Ma "Spacesaver" and 1/10 sec. for 100 Ma "Spacesaver", maximum 14 seconds.
14. Vertical panel gives eye-level view of meters.
15. Five plug receptacle connections are provided for plugging in the various essential accessories. All receptacles are keyed, preventing the possibility of plugging into the wrong receptacle. Plug-in connections arranged to accommodate foot switch, spot tunnel, fluoroscopic room light control, Bucky trip cable and therapy timer.

### STANDARD CONTROL

The FISCHER Standard Control permits convenient location of controls and increases convenience in operation.

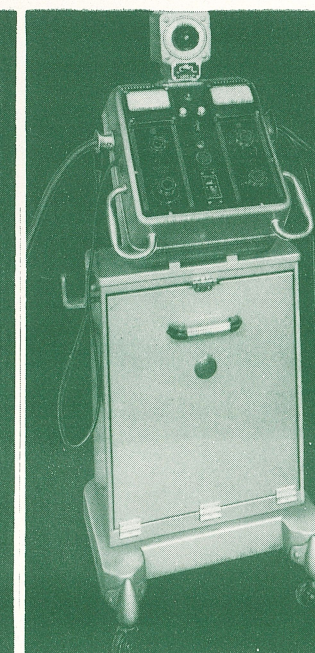
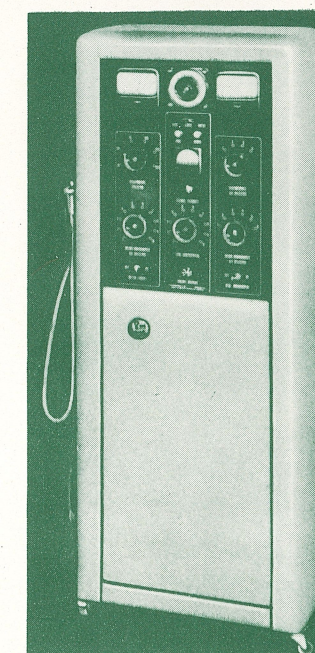
### SPECIAL FEATURES

1. Motor-driven synchronous timer, calibrated in 1/10 second, maximum 14 seconds.
2. Milliamperage meter has double scale; kilovoltage meter, four scales.
3. Focal selector switch to determine focal spot. Pilot light shows when proper focal spot is in use.
4. Main (line) switch, which functions also as a circuit breaker.
5. Main and auxiliary controls for milliamperage.
6. Main and auxiliary controls for kilovoltage; provides 60 points of adjustment.
7. Pre-adjustment switch. Milliamperage pre-settings may be made without energizing the X-ray tube.
8. Timer push button switch.
9. Receptacles for foot switch and Bucky diaphragm connections. The position and angle of control panel make for maximum convenience in adjustment and readings. Markings are clear and will remain so permanently.



### VERTICAL FLUOROSCOPY

The table top is raised and locked in the vertical position, forming a thoroughly adequate vertical fluoroscopic panel for the patient to lean against. The tubehead is then rotated on its horizontal axis 90° from the radiographic position. The 12-by-16-inch fluorescent screen is automatically centered with the tubehead. The fluoroscopic shutters are attached to the tubehead so that at all times, in either the horizontal or vertical position, maximum protection is assured.





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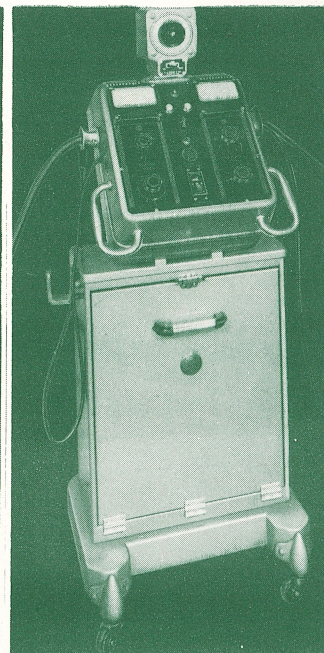
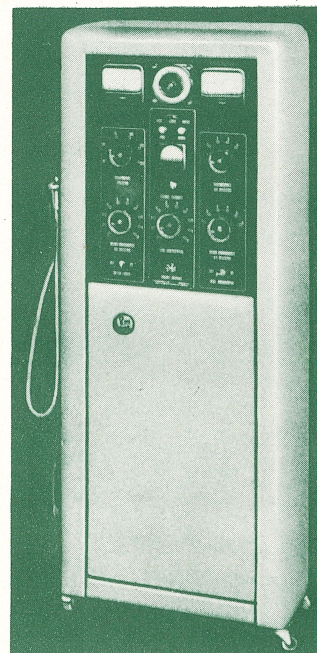
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from failures due to faulty technic, thus assuring consistently high grade radiographs with resulting film economy.

### SPECIAL FEATURES, DE LUXE AUTOMATIC CONTROL

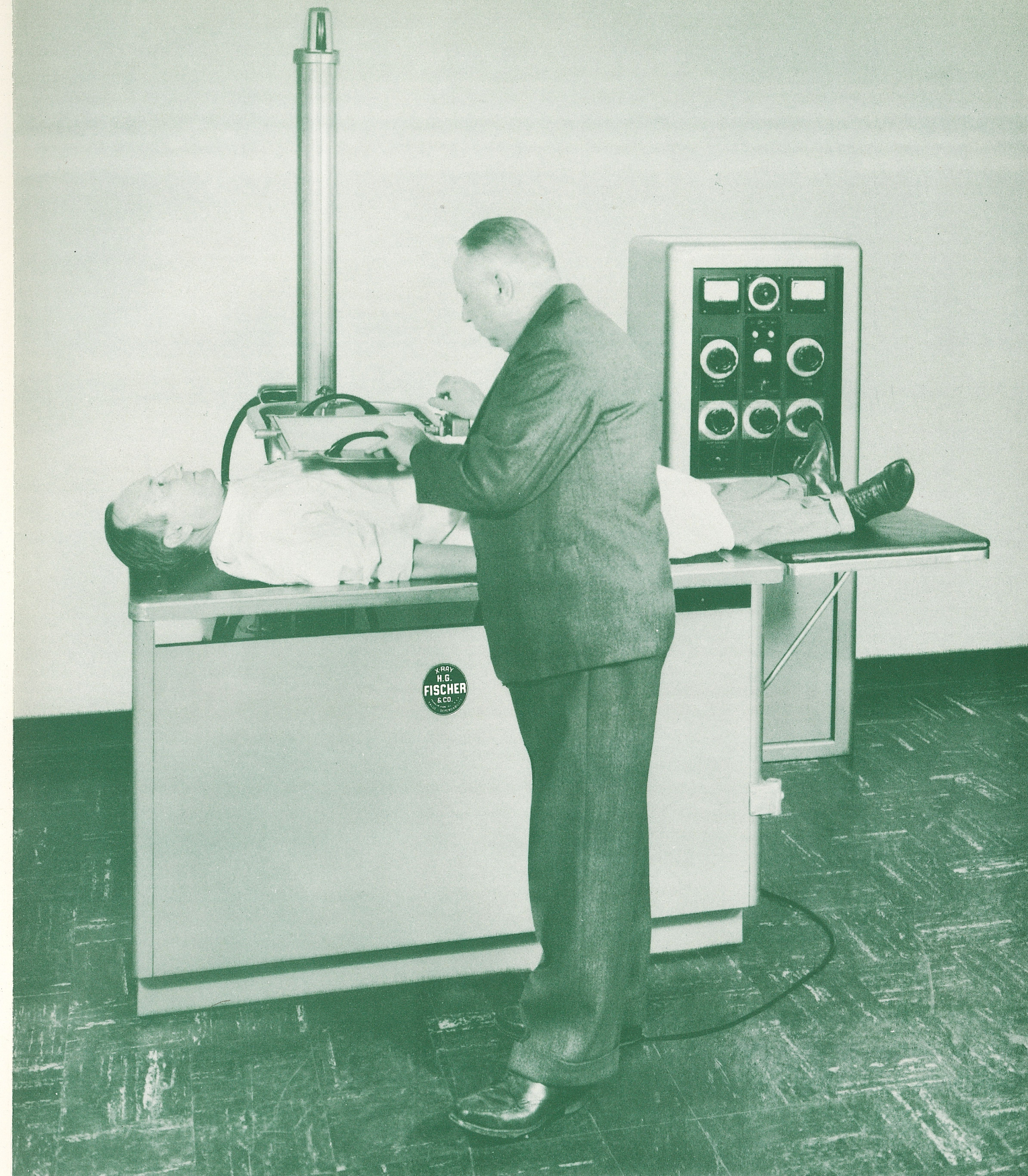
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### SPECIAL FEATURES

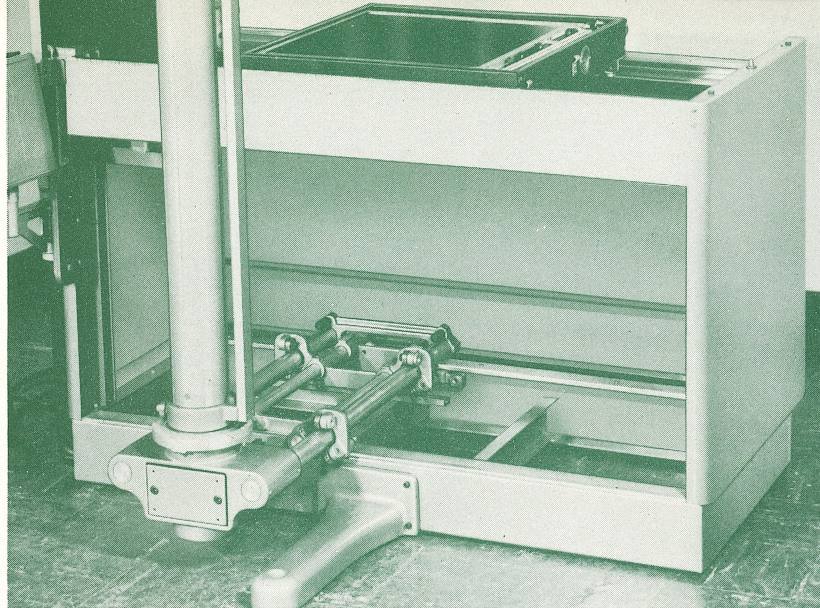
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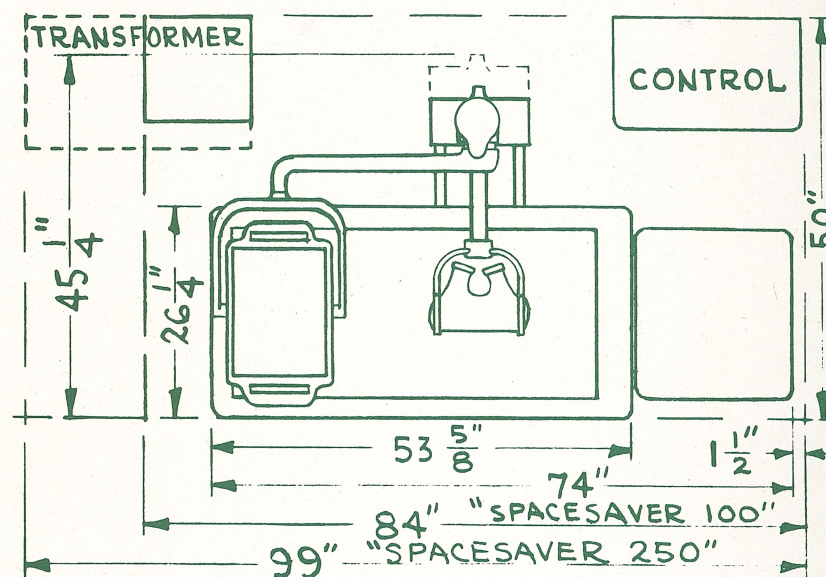
### HORIZONTAL FLUOROSCOPY

The changing from the horizontal radiographic to the horizontal fluoroscopic position, or the reverse, is made without moving patient from table. This feature is especially advantageous when, for example, after setting a broken bone with the aid of the fluoroscope, it is desired to radiograph the results for permanent records. The fluoroscopic field is 48 inches long and may be utilized in its entirety.



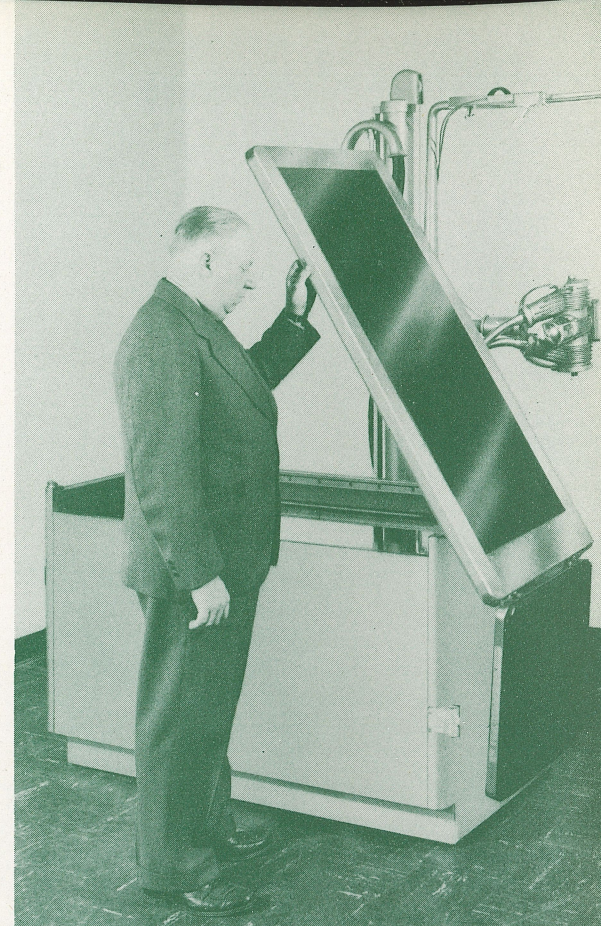


The rigid, sturdy, channel construction details are shown in this rear view of the FISCHER "Spacesaver".



Floor plan view with dimensions of the FISCHER "Spacesaver", 100 Ma or 250 Ma. Scale 1/2 inch = 1 foot.

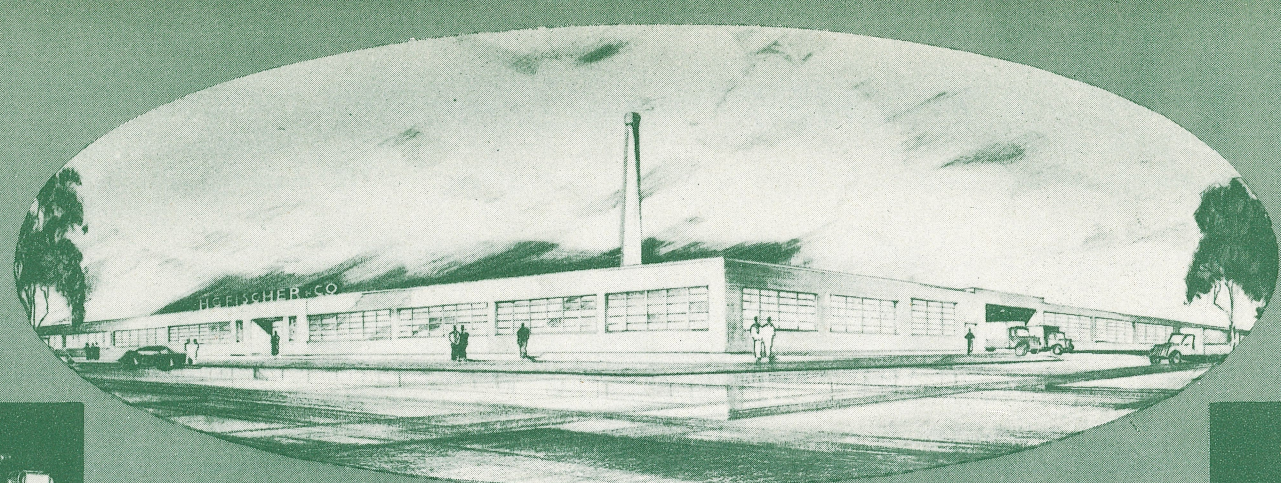
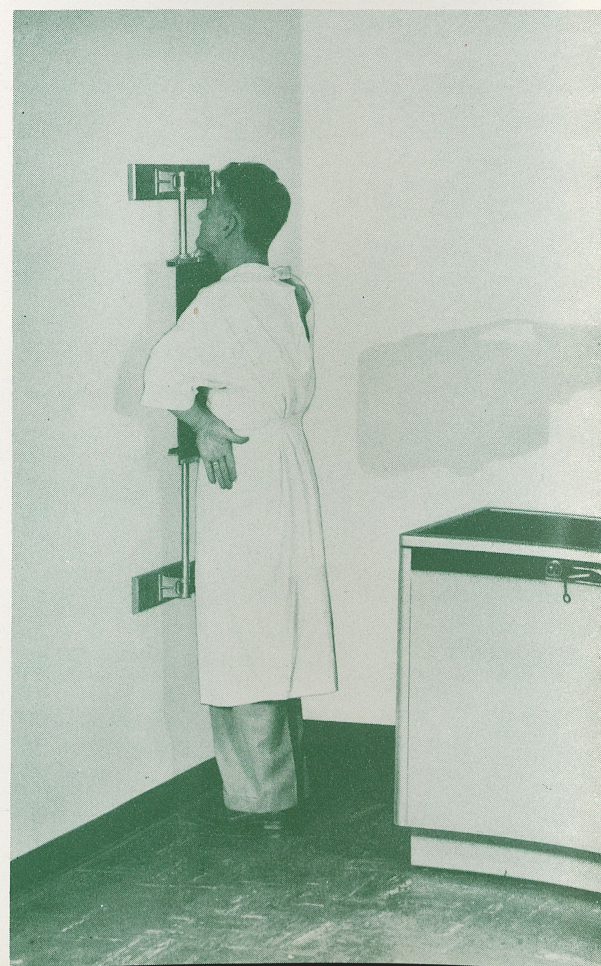
Cat. No.	DESCRIPTION	Code
5188	FISCHER "Spacesaver 250" with De Luxe Automatic Control, 1/20 second Automatic Reset Timer and Foot Switch.	HOCOH
5186	FISCHER "Spacesaver 100" with De Luxe Automatic Control, 1/10 second Automatic Reset Timer and Foot Switch.	HEHMS
5187	FISCHER "Spacesaver 100" with Standard Mobile Control, 1/10 second Motor-driven Synchronous Timer and Foot Switch.	HEXAR
Following are suggested accessories not included in above prices.		
5172	20-line grid 14" x 17" 1/2 second 30" focal distance Bucky with magnetic release, x-ray timing contacts, rollers and Bucky connecting cord.	HAGUS
4736	Cone.	TIPPS
5175	Stirrups.	HAINE
5176	Pad for Table Top.	HAITT
5177	30" focal distance stationary aligned grid—size 14"x17".	HADAN
5178	Moveable support and tray for cassette and stationary grid.	HADAT



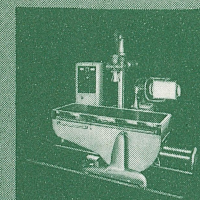
The table top is compound hinged at one end and can easily be raised to the vertical position, where it automatically locks.

#### VERTICAL RADIOGRAPHY

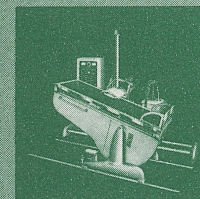
The tubehead is turned and focused on a patient standing against a wall-mounted cassette holder at the correct distance. Vertical radiographs can be made at either end of the table.



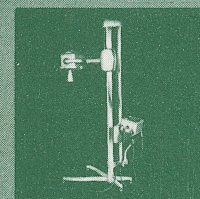
NEW HOME OF H. G. FISCHER & CO.



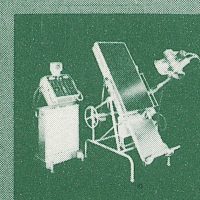
De Luxe Model "RF" 250 Milliampere X-ray Apparatus with Hand-Rocked or Motor-Driven Table.



De Luxe Model "RF" 100 Milliampere X-ray Apparatus with Hand-Rocked or Motor-Driven Table.



Model "MPA" 20 or 30 Milliampere Mobile-Portable Shockproof X-ray Apparatus.



100 Milliampere X-ray Unit with Urological Table.

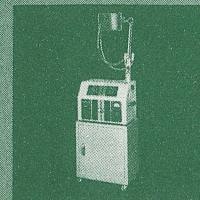
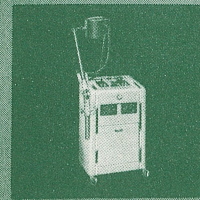
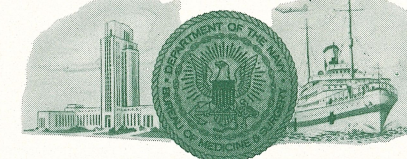


Table Model "200" Short Wave Diathermy Unit.



De Luxe Model "400" Short Wave Diathermy Unit.

## United States Navy



### BUREAU OF MEDICINE AND SURGERY Certificate of Achievement

*H. G. Fischer & Co.*

*In grateful acknowledgment of exceptional cooperation and outstanding services rendered to the Medical Department of the Navy during the period of World War II*

*A. H. Dearing*  
Rear Admiral, MC, U. S. Navy  
Surgeon General of the Navy



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A. H. Dearing, Rear Admiral, MC, U. S. Navy, presenting Certificate of Achievement to A. W. Mathis, President, H. G. Fischer & Co. (Official U. S. Navy photograph.)

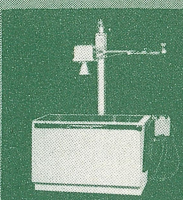
OVER 100,000 SATISFIED USERS THROUGHOUT THE WORLD

## H. G. FISCHER & CO.

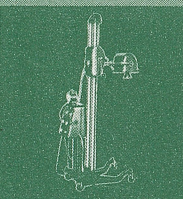
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1249 Form 3130

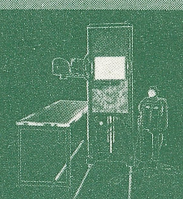
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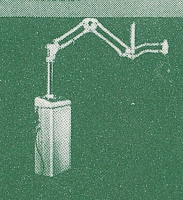
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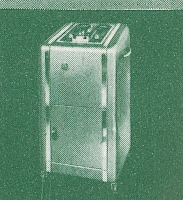
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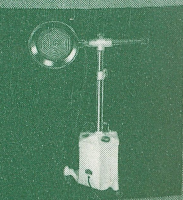
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